

PHILIP MORRIS USA
RESEARCH AND DEVELOPMENT DEPARTMENT

HAITI TEST #31

MR6-06CMY

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WRITTEN BY: R. A. Finner

APPROVED BY: J. Wickla

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HAITI TEST #31

Marlboro king size cigarettes from Haiti were received for testing on June 1, 1976. These cigarettes were of May, 1976 production.

The current sample was different from the previous average in filter RTD, tobacco weight and rod density.

MARLBORO KING SIZE 20'S (SOFT PACK)

	<u>Current</u>	<u>Prev. Avg.</u>
<u>Smoke</u>		
Butt Length, mm	27	27
FTC Tar, mg/cigt.	18.3	18.5
TPM, mg/cigt.	22.1	22.7
Nicotine, mg/cigt.	1.18	1.21
Water, mg/cigt.	2.6	3.0
Puffs/cigt.	9.0	9.9
Filtration Eff., %	44	44
<u>Cigarette</u>		
Total RTD, in. of H ₂ O	4.4	4.3
mm of H ₂ O	112	109
Static Burn. Time, min.	7.7	8.1
Length, mm	84.5	84.5
Circumference, mm	25.1	25.3
Diameter, mm	8.0	8.1
<u>Paper</u>		
Porosity, sec.	21	17
<u>Filter</u>		
RTD, in. of H ₂ O	2.5	2.1
mm of H ₂ O	64	53
Length, mm	15.0	15.1
Weight, g	0.11	0.11
Tipping paper length, mm	24	24
<u>Filler</u>		
Total alkaloids, %	1.55	1.54
Total reducing sugars, %	5.8	5.5
Wt. of tob., 1,000 cigts., g	877	965
1,000 cigts., lbs.	1.9310	2.1252
Rod Density, g/cc	0.252	0.273
¹ C.V., cc/10 g	35	35
C.V., cc/10 g (Corrected to 12% O.V.)	38	39
¹ Oven Volatiles, %	13.3	13.2
¹ Equilibrated at 75°F and 60% R.H. for 48 hrs.		

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